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Angiography (continued)

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Angioplasty

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beta-Blockers; see Adrenergic beta-antagonists**Beta rays**

Sirolimus-eluting stent implantation and β -irradiation for the treatment of in-stent restenotic lesions: comparison of underlying mechanisms of acute gain and late loss as assessed by volumetric intravascular ultrasound (Schiele et al). 2005;150:351-7

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Azithromycin on soluble cell adhesion molecules and markers of inflammation in survivors of an acute coronary syndrome (Gabielli et al) (Letter); (Hillis) (Reply). 2005;150(1):e9, e11

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A positive endomyocardial biopsy result for sarcoid is associated with poor prognosis in patients with initially unexplained cardiomyopathy (Ardehali et al). 2005;150:459-63

Bivalirudin

Brachytherapy and bivalirudin evaluation study (Kuchulakanti et al). 2005;150:832-7

Bleeding; see Hemorrhage**Bleeding time**

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Blood glucose: a strong risk factor for mortality in nondiabetic patients with cardiovascular disease (Port et al). 2005;150:209-14

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C**C-reactive protein**

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Effect of C-reactive protein reduction on paroxysmal atrial fibrillation (Demellis and Panaretou). 2005;150:1064.e7-1064.e12
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C-reactive protein (continued)

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Cardiomyopathy, dilated

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Cholesterol

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- Adult patients with congenital heart disease and pulmonary arterial hypertension: first open prospective multicenter study of bosentan therapy (Schulze-Neick et al). 2005;150:716.e7-716.e12

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Myocardial reperfusion

- Design of a standardized system for transfer of patients with ST-elevation myocardial infarction for percutaneous coronary intervention (Henry et al). 2005;150:373-84 (Trial design)
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- Impact of smoking status on outcomes of primary coronary intervention for acute myocardial infarction—the smoker's paradox revisited (Weisz et al). 2005;150:358-64
- A large-scale prospective cohort study on the current status of therapeutic modalities for acute myocardial infarction in Japan: rationale and initial results of the HIJAMI Registry (Kasanuki et al). 2005;150:411-8

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- Preprocedural Thrombolysis in Myocardial Infarction (TIMI) flow significantly affects the extent of ST-segment resolution and myocardial blush in patients with acute anterior myocardial infarction treated by primary angioplasty (De Luca et al). 2005;150:827-31
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- Clinical profile and outcomes of diabetic and nondiabetic patients in cardiac rehabilitation (Hindman et al). 2005;150:1046-51
- Temporal variation in in-hospital mortality with percutaneous coronary intervention: a report from the National Heart, Lung and Blood Institute Dynamic Registry (Laskey et al). 2005;150:569-76

Myocardial velocity

- Regional myocardial velocities and isovolumic contraction acceleration before and after device closure of atrial septal defects: a color tissue Doppler study (Pauliks et al). 2005;150:294-301

Myocardium

- A positive endomyocardial biopsy result for sarcoid is associated with poor prognosis in patients with initially unexplained cardiomyopathy (Ardehali et al). 2005;150:459-63

N**Narcotics**

- To the Editor (Daniell). 2005;150(6):e1 (Letter)
- To the Editor (Gross et al). 2005;150(6):e3 (Letter)

Natriuretic peptide, brain

- Assessing prognosis in heart failure: is hepatocyte growth factor the next B-type natriuretic peptide? (Katz and Drazner). 2005;150:1-3 (Editorial)
- Blood volume and brain natriuretic peptide in congestive heart failure: a pilot study (James et al). 2005;150:984.e1-984.e6
- Can pro-brain natriuretic peptide be used as a noninvasive predictor of elevated left ventricular diastolic pressures in patients with normal systolic function? (Joung et al). 2005;150:1213-19
- Dynamics in N-terminal pro-brain natriuretic peptide concentration in patients with non-ST-elevation acute coronary syndrome (Riezebos et al). 2005;150:1255-9
- Effect of nesiritide in combination with standard therapy on serum concentrations of natriuretic peptides in patients admitted for decompensated congestive heart failure (Fitzgerald et al). 2005;150:471-7
- Independent elevations of N-terminal pro-brain natriuretic peptide and cardiac troponins in endurance athletes after prolonged strenuous exercise (Scharhag et al). 2005;150:1128-34

Natriuretic peptide, brain (continued)

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Neurotransmitter agents

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Gauging the treatment gap in dyslipidemia: findings from the 1999-2000 National Health and Nutrition Examination Survey (Klingman et al). 2005;150:595-601

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Oxygen pulse

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Paclitaxel

"Full metal jacket" (stented length ≥ 64 mm) using drug-eluting stents for de novo coronary artery lesions (Aoki et al). 2005;150:994-9

Paclitaxel (continued)

Impact of moderate renal insufficiency on restenosis an adverse clinical events after paclitaxel-eluting and bare metal stent implantation: results from the TAXUS-IV Trial (Halkin et al). 2005;150:1163-70

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Heart disease epidemic in Pakistan: women and men at equal risk (Jafar et al). 2005;150:221-6

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Pilot study to determine the impact of a multidisciplinary educational intervention in patients hospitalized with heart failure (Gwady-Sridhar et al). 2005;150:982.e1-982.e9

A simplified education program improves knowledge, self-care behavior, and disease severity in heart failure patients in rural setting (Caldwell et al). 2005;150:983.e7-983.e12

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Angiotensin I-converting enzyme insertion/deletion genotype as a genetic risk factor for cardiovascular disease (Ogimoto et al) (Letter); (Chou et al) (Reply). 2005;150(1):e1, e3

Percutaneous coronary intervention; see Angioplasty; Stents**Periodontal diseases**

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Peripheral vascular disease

Management of risk in peripheral artery disease: recent therapeutic advances (Hackam et al). 2005;150:35-40 (Curriculum cardiol.)

Patterns of inflammation associated with peripheral arterial disease: the InCHIANTI study (McDermott et al). 2005;150:276-81

Physical activity; see Motor activity**Physical endurance**

Independent elevations of N-terminal pro-brain natriuretic peptide and cardiac troponins in endurance athletes after prolonged strenuous exercise (Scharhag et al). 2005;150:1128-34

Platelet activation

Impaired tissue Doppler diastolic function in patients with coronary artery disease: relationship to endothelial damage/dysfunction and platelet activation (Lee et al). 2005;150:756-66

Long-term hormone replacement therapy does not cause increased platelet activation (Williams et al). 2005;150:434-8

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Can *N*-acetylcysteine reverse the antiplatelet effects of clopidogrel? An in vivo and vitro study (Campbell et al). 2005;150:796-9

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Prevalence (continued)

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Clinical correlation and prognostic predictive value of neurohumoral factors in patients late after the Fontan operation (Inai et al). 2005;150:588-94

A positive endomyocardial biopsy result for sarcoid is associated with poor prognosis in patients with initially unexplained cardiomyopathy (Ardehali et al). 2005;150:459-63

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Biopsychosocial experiences of adults with congenital heart disease: review of the literature (Kovacs et al). 2005;150:193-201 (Curriculum cardiol.)

Quality of life (continued)

Resource use, costs, and quality of life among patients in the multinational Valsartan in Acute Myocardial Infarction Trial (VALIANT) (Reed et al). 2005;150:323-9

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Radial versus femoral access for emergent percutaneous coronary intervention with adjunct glycoprotein IIb/IIIa inhibition in acute myocardial infarction—the RADIAL-AMI pilot randomized trial (Cantor et al). 2005;150:543-9

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Comparison of angiographic and clinical outcomes between rotational atherectomy and cutting balloon angioplasty followed by radiation therapy with a rhenium 88-mercaptoacetyl triglycine-filled balloon in the treatment of diffuse in-stent restenosis (Lee et al). 2005;150:577-82
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Effect of raloxifene on aortic elasticity in healthy postmenopausal women (Tritos et al). 2005;150:1212.e1-1212.e6

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Reproducibility of results

Reproducibility of nitrate-stimulated tilt testing in patients with suspected vasovagal syncope and a healthy control group (Aerts et al). 2005;150:251-6

Resource use

Resource use, costs, and quality of life among patients in the multinational Valsartan in Acute Myocardial Infarction Trial (VALIANT) (Reed et al). 2005;150:323-9

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Comparison of angiographic and clinical outcomes between rotational atherectomy and cutting balloon angioplasty followed by radiation therapy with a rhenium 88-mercaptoacetyltriglycine-filled balloon in the treatment of diffuse in-stent restenosis (Lee et al). 2005;150:577-82

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Women with a low Framingham risk score and a family history of premature coronary heart disease have a high prevalence of subclinical coronary atherosclerosis (Michos et al). 2005;150:1276-81

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Management of risk in peripheral artery disease: recent therapeutic advances (Hackam et al). 2005;150(1):35-40 (Curriculum cardiol.)

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Rural population

A simplified education program improves knowledge, self-care behavior, and disease severity in heart failure patients in rural setting (Caldwell et al). 2005;150:983.e7-983.e12

S**Sarcoidosis**

A positive endomyocardial biopsy result for sarcoid is associated with poor prognosis in patients with initially unexplained cardiomyopathy (Ardehali et al). 2005;150:459-63

Schizophrenia

Schizophrenia and increased risks of cardiovascular disease (Hennekens et al). 2005;150:1115-21 (Curriculum cardiol.)

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A simplified education program improves knowledge, self-care behavior, and disease severity in heart failure patients in rural setting (Caldwell et al). 2005;150:983.e7-983.e12

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Influence of serotonin transporter gene polymorphism on depressive symptoms and new cardiac events after acute myocardial infarction (Nakatani et al). 2005;150:652-8

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Heart disease epidemic in Pakistan: women and men at equal risk (Jafar et al). 2005;150:221-6

Prevalence and management of hypertension in acute coronary syndrome patients varies by sex: observations from the Sibrifan versus aspirin to Yield Maximum Protection from ischemic Heart events postacute cOroNary sYndromes (SYMPHONY) randomized clinical trials (Frazier et al). 2005;150:1260-7

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Sex factors (continued)

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Depressed autonomic nervous system function in African Americans and individuals of lower social class: a potential mechanism of race- and class-related disparities in health outcomes (Lampert et al). 2005;150:153-60

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Sotalol

Sotalol and amiodarone versus digoxin for conversion of recent onset atrial fibrillation (Veloso and de Paola) (Letter); (Thomas et al) (Reply). 2005;150(5):e1, e3

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Stents (continued)

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Stents (continued)

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Stress echocardiography; see Echocardiography, stress
Stroke; see Cerebrovascular accident

Stroke volume

Comprehensive assessment of patients after coronary artery bypass grafting by 16-detector-row computed tomography (Salm et al). 2005;150:775-81

Left ventricular ejection fraction to predict early mortality in patients with non-ST-segment elevation acute coronary syndromes (Bosch and Th  roux). 2005;150:215-20

Predictive power of ejection fraction and renal failure in patients admitted for chest pain without ST elevation in the troponin era (Kontos et al). 2005;150:666-73

Visual estimation versus quantitative assessment of left ventricular ejection fraction: a comparison by cardiovascular magnetic resonance imaging (Sievers et al). 2005;150:737-42

Stromelysin 1

Circulating matrix metalloproteinase-2 but not matrix metalloproteinase-3, matrix metalloproteinase-9, or tissue inhibitor of metalloproteinase-1 predicts outcome in patients with congestive heart failure (George et al). 2005;150:484-7

Substance abuse, intravenous

Analysis of mortality and risk factors associated with native valve endocarditis in drug users: the importance of vegetation size (Mart  n-D  vila et al). 2005;150:1099-1106

Survey; see Data collection**Survival analysis**

Association between completeness of percutaneous coronary revascularization and postprocedure outcomes (McLellan et al). 2005;150:800-6

Azithromycin on soluble cell adhesion molecules and markers of inflammation in survivors of an acute coronary syndrome (Gabrielli et al) (Letter); (Hillis) (Reply). 2005;150(1):e9, e11

Impact of combined secondary prevention therapy after myocardial infarction: data from a nationwide French registry (Danchin et al). 2005;150:1147-53

Impact of implantable cardioverter defibrillators on survival and recurrent hospitalization in advanced heart failure (Nazarian et al). 2005;150:955-60

Sympathetic nervous system

Comparative effects of nicorandil with isosorbide mononitrate on cardiac sympathetic nerve activity and left ventricular function in patients with ischemic cardiomyopathy (Kasama et al). 2005;150:477.e1-477.e8

Sympathetic nervous system (continued)

A prospective evaluation of the effect of simvastatin on heart rate variability in non-ischemic cardiomyopathy (Gentlesk et al). 2005;150:478-83

Syncope

Is ambulatory monitoring for "community-acquired" syncope economically attractive? A cost-effectiveness analysis of a randomized trial of external loop recorders versus Holter monitoring (Rockx et al). 2005;150:1065.e1-1065.e5

Syncope, vasovagal

Reproducibility of nitrate-stimulated tilt testing in patients with suspected vasovagal syncope and a healthy control group (Acerts et al). 2005;150:251-6

Systole

Atrial fibrillation in heart failure: high mortality risk even if ventricular function is preserved (Parkash et al). 2005;150:701-6

Can pro-brain natriuretic peptide be used as a noninvasive predictor of elevated left ventricular diastolic pressures in patients with normal systolic function? (Joung et al). 2005;150:1213-19

Effects of canrenoate plus angiotensin-converting enzyme inhibitors versus angiotensin-converting enzyme inhibitors alone on systolic and diastolic function in patients with acute inferior myocardial infarction (Di Pasquale et al). 2005;150:919.e1-919.e8

Oxygen pulse during exercise is related to resting systolic and diastolic left ventricular function in older persons with mild hypertension (Lim et al). 2005;150:941-6

Reference charts of gestation-specific tissue Doppler imaging indices of systolic and diastolic functions in the normal fetal heart (Chan et al). 2005;150:750-5

T**Telemedicine**

Predictors of a sustained response to exercise training in patients with chronic heart failure: a telemonitoring study (Smart et al). 2005;150:1240-7

Tenecteplase

Tenecteplase and tirofiban in ST-segment elevation acute myocardial infarction: results of a randomized trial (Ohman et al). 2005;150:79-88

Tezosentan

Tezosentan in patients with acute heart failure: design of the Value of Endothelin Receptor Inhibition with Tezosentan in Acute heart failure Study (VERITAS) (Teerlink et al). 2005;150:46-53 (Trial design)

Thoracic surgical procedures

The use and effect of surgical therapy for prosthetic valve infective endocarditis: a propensity analysis of a multicenter, international cohort (Wang et al). 2005;150:1086-91

Use of surgery in patients with native valve infective endocarditis: results from the International Collaboration on Endocarditis Merged Database (Cabell et al). 2005;150:1092-8

Three-dimensional imaging; see Imaging, three-dimensional**Thrombolysis; see Thrombolytic therapy****Thrombolytic therapy**

Electrocardiographic infarct size assessment after thrombolysis: insights from the Acute Myocardial Infarction Study ADenosine (AMISTAD) trial (Barbagelata et al). 2005;150:659-65

Thrombolytic therapy (continued)

- Performance of the Thrombolysis in Myocardial Infarction (TIMI) ST-elevation myocardial infarction risk score in a national cohort of elderly patients (Rathore et al). 2005;150:402-10
- Preprocedural Thrombolysis in Myocardial Infarction (TIMI) flow significantly affects the extent of ST-segment resolution and myocardial blush in patients with acute anterior myocardial infarction treated by primary angioplasty (De Luca et al). 2005;150:827-31
- To score or not to score? (Roger). 2005;150:371-2

Thrombosis

- Association between cardiac troponin T elevation and angiographic morphology of culprit lesion in patients with non-ST-segment elevation acute coronary syndrome (Ohtani et al). 2005;150:227-33
- A global view of atherothrombosis: baseline characteristics in the Clopidogrel for High Atherothrombotic Risk and Ischemic Stabilization, Management, and Avoidance (CHARISMA) trial (Bhatt et al). 2005;150:401.e1-401.e7
- An internet-based registry examining the efficacy of heparin coating in patients undergoing coronary stent implantation (Mehran et al). 2005;150:1171-6
- The vulnerable endothelium—priming the vascular endothelium for thrombosis with unfractionated heparin: biologic plausibility for observations from the Superior Yield of the New Strategy of Enoxaparin, Revascularization and Glycoprotein IIb/IIIa Inhibitors (SYNERGY) trial (Becker). 2005;150:189-92 (Editorial)

Ticlopidine

- A randomized trial comparing clopidogrel versus ticlopidine therapy in patients undergoing infarct artery stenting for acute myocardial infarction with abciximab as adjunctive therapy (Parodi et al). 2005;150:220.e1-220.e5

Tilt table test

- Reproducibility of nitrate-stimulated tilt testing in patients with suspected vasovagal syncope and a healthy control group (Aerts et al). 2005;150:251-6

Time factors

- Temporal variation in in-hospital mortality with percutaneous coronary intervention: a report from the National Heart, Lung and Blood Institute Dynamic Registry (Laskey et al). 2005;150:569-76

Tinzaparin

- Enoxaparin versus tinzaparin in non-ST-segment elevation acute coronary syndromes: results of the enoxaparin versus tinzaparin (EVET) trial at 6 months (Katsouras et al). 2005;150:385-91

Tirofiban

- Effects of tirofiban plus clopidogrel versus clopidogrel plus provisional abciximab on biomarkers of myocardial necrosis in patients with non-ST-elevation acute coronary syndromes treated with early aggressive approach. Results of the Clopidogrel, upstream Tirofiban, in cath Lab Downstream Abciximab (CLOTILDA) study (Leoncini et al). 2005;150:401.e9-401.e14
- Tenecteplase and tirofiban in ST-segment elevation acute myocardial infarction: results of a randomized trial (Ohman et al). 2005;150:79-88

Tissue Doppler imaging; see Echocardiography, Doppler

Tissue inhibitor of matrix metalloproteinase-1

- Circulating matrix metalloproteinase-2 but not matrix metalloproteinase-3, matrix metalloproteinase-9, or tissue inhibitor of metalloproteinase-1 predicts outcome in patients with congestive heart failure (George et al). 2005;150:484-7

Tomography, emission-computed, single-photon

- Electrocardiographic infarct size assessment after thrombolysis: insights from the Acute Myocardial Infarction Study Adenosine (AMISTAD) trial (Barbagelata et al). 2005;150:659-65

Tomography, x-ray computed

- Comprehensive assessment of patients after coronary artery bypass grafting by 16-detector-row computed tomography (Salm et al). 2005;150:775-81
- Coronary venous imaging with electron beam computed tomographic angiography: three-dimensional mapping and relationship with coronary arteries (Mao et al). 2005;150:315-22

Tooth loss

- Tooth loss is independently associated with the risk of acquired aortic valve sclerosis (Völzke et al). 2005;150:1198-1203

Trans-activators

- Differential gene expression in coronary arteries from patients presenting with ischemic heart disease: further evidence for the inflammatory basis of atherosclerosis (Satterthwaite et al). 2005;150:488-99

Transfection

- The Project of Ex-vivo Vein graft Engineering via Transfection IV (PREVENT IV) trial: study rationale, design, and baseline patient characteristics (Alexander et al). 2005;150:643-9 (Trial design)

Transplantation, autologous

- Intracoronary administration of autologous bone marrow mononuclear cells after induction of short ischemia is safe and may improve hibernation and ischemia in patients with ischemic cardiomyopathy (Blatt et al). 2005;150:986.e1-986.e7

Transportation of patients

- To the Editor (Turner). 2005;150(4):e1-e2 (Letter)

Treadmill test; see Exercise test

Treatment failure

- Unsuccessful reperfusion in patients with ST-segment elevation myocardial infarction treated by primary angioplasty (De Luca et al). 2005;150:557-62

Treatment outcome

- The association between prior percutaneous coronary intervention and short-term outcomes after coronary artery bypass grafting (Hassan et al). 2005;150:1026-31
- The benefit of cholesterol-lowering medications after coronary revascularization: a population study (Brophy et al). 2005;150:282-6
- Cilostazol improves long-term outcomes after coronary stent implantation (Han et al). 2005;150:568.e1-568.e5
- Clinical profile and outcomes of diabetic and nondiabetic patients in cardiac rehabilitation (Hindman et al). 2005;150:1046-51
- Comparison of angiographic and clinical outcomes between rotational atherectomy and cutting balloon angioplasty followed by radiation therapy with a rhenium 88-mercaptoacetyltriglycine-filled balloon in the treatment of diffuse in-stent restenosis (Lee et al). 2005;150:577-82
- Comparison of losartan and captopril on heart failure-related outcomes and symptoms from the losartan heart failure survival study (ELITE II) (Konstam et al). 2005;150:123-31
- Effects of the renal natriuretic peptide urodilatin (ularitide) in patients with decompensated chronic heart failure: a double-blind, placebo-controlled, ascending dose trial (Mitrovic et al). 2005;150:1239.e1-1239.e8
- Enoxaparin versus tinzaparin in non-ST-segment elevation acute coronary syndromes: results of the enoxaparin versus tinzaparin (EVET) trial at 6 months (Katsouras et al). 2005;150:385-91

Treatment outcome (continued)

- "Full metal jacket" (stented length ≥ 64 mm) using drug-eluting stents for de novo coronary artery lesions (Aoki et al). 2005;150:994-9
- The impact of acute coronary syndrome on clinical, economic, and cardiac-specific health status after coronary artery bypass surgery versus stent-assisted percutaneous coronary intervention: 1-year results from the stent or surgery (SoS) trial (Zhang et al). 2005;150:175-81
- Impact of smoking status on outcomes of primary coronary intervention for acute myocardial infarction—the smoker's paradox revisited (Weisz et al). 2005;150:358-64
- Improved long-term survival associated with stent deployment during percutaneous coronary interventions: results from a registry of 3399 patients (Muhlestein et al). 2005;150:182-7
- An internet-based registry examining the efficacy of heparin coating in patients undergoing coronary stent implantation (Mehran et al). 2005;150:1171-6
- Latin American randomized trial of balloon angioplasty versus coronary stenting in diabetic patients with small vessel reference size (Latin American Small Vessel [LASMAL II] Trial): immediate and long-term results (Rodriguez et al). 2005;150:188.e1-188.e7
- Left Atrial Appendage Occlusion Study (LAAOS): results of a randomized controlled pilot study of left atrial appendage occlusion during coronary bypass surgery in patients at risk for stroke (Healey et al). 2005;150:288-93
- Left ventricular remodeling after primary coronary angioplasty in patients treated with abciximab or intracoronary adenosine (Petronio et al). 2005;150:1015.e1-1015.e9
- The preoperative intraaortic balloon pump in coronary bypass surgery: a lack of evidence of effectiveness (Baskett et al). 2005;150:1122-7

Troponin

- Independent elevations of N-terminal pro-brain natriuretic peptide and cardiac troponins in endurance athletes after prolonged strenuous exercise (Scharhag et al). 2005;150:1128-34
- Predictive power of ejection fraction and renal failure in patients admitted for chest pain without ST elevation in the troponin era (Kontos et al). 2005;150:666-73

Troponin I

- Outcomes in patients admitted for chest pain with renal failure and troponin I elevations (Kontos et al). 2005;150:674-80
- Relationship between anemia, cardiac troponin I, and B-type natriuretic peptide levels and mortality in patients with advanced heart failure (Ralli et al). 2005;150:1220-7

Troponin T

- Association between cardiac troponin T elevation and angioscopic morphology of culprit lesion in patients with non-ST-segment elevation acute coronary syndrome (Ohtani et al). 2005;150:227-33

Tumor necrosis factor- α

- Depressive symptoms and inflammation among heart failure patients (Ferketich et al). 2005;150:132-6
- A randomized trial in patients undergoing percutaneous coronary angioplasty: roxithromycin does not reduce clinical restenosis but angioplasty increases antibody concentrations against *Chlamydia pneumoniae* (Kaehler et al). 2005;150:987-93

Tunica intima

- Skin cholesterol content identifies increased carotid intima-media thickness in asymptomatic adults (Tzou et al). 2005;150:1135-9

Tunica media

- Skin cholesterol content identifies increased carotid intima-media thickness in asymptomatic adults (Tzou et al). 2005;150:1135-9

U**Ularitide**

- Effects of the renal natriuretic peptide urodilatin (ularitide) in patients with decompensated chronic heart failure: a double-blind, placebo-controlled, ascending dose trial (Mitrovic et al). 2005;150:1239.e1-1239.e8

Ultrasonography

- Ultrasound-detected carotid plaque as a screening tool for advanced subclinical atherosclerosis (Wyman et al). 2005;150:1081-5

Ultrasonography, interventional

- Plasma low-density lipoprotein reduction and structural effects on coronary atherosclerotic plaques by atorvastatin as clinically assessed with intravascular ultrasound radio-frequency signal analysis: a randomized prospective study (Yokoyama et al). 2005;150:287.e1-287.e7
- Sirolimus-eluting stent implantation and β -irradiation for the treatment of in-stent restenotic lesions: comparison of underlying mechanisms of acute gain and late loss as assessed by volumetric intravascular ultrasound (Schiele et al). 2005;150:351-7

Unstable angina; see Angina, unstable**Urodilatin**

- Effects of the renal natriuretic peptide urodilatin (ularitide) in patients with decompensated chronic heart failure: a double-blind, placebo-controlled, ascending dose trial (Mitrovic et al). 2005;150:1239.e1-1239.e8

V**Valsartan**

- Resource use, costs, and quality of life among patients in the multinational Valsartan in Acute Myocardial Infarction Trial (VALIANT) (Reed et al). 2005;150:323-9

Vascular cell adhesion molecule-1

- Impact of vitamin E and C supplementation on serum adhesion molecules in chronic degenerative aortic stenosis: a randomized controlled trial (Tahir et al). 2005;150:302-6

Vascular endothelial growth factor

- Prognostic significance of circulating levels of angiogenic cytokines in patients with congestive heart failure (Lamblin et al). 2005;150:137-43

Vascular endothelium; see Endothelium, vascular**Vascular stiffness**

- Walking may be related to less vascular stiffness in the Activity Counseling Trial (ACT) (Havlik et al). 2005;150:270-5

Vasodilator agents

- The response to inhaled nitric oxide in patients with pulmonary artery hypertension is not masked by baseline vasodilator use (Krasuski et al). 2005;150:725-8

Vasovagal syncope; see Syncope, vasovagal**Vein graft**

- The Project of Ex-vivo Vein graft ENgineering via Transfection IV (PREVENT IV) trial: study rationale, design, and baseline patient characteristics (Alexander et al). 2005;150:643-9 (Trial design)

Ventricular dysfunction, left

- Doppler tissue imaging: a reliable method for estimation of left ventricular filling pressure in patients with mitral regurgitation (Agricola et al). 2005;150:610-5
- Levosimendan improves hemodynamics and coronary flow reserve after percutaneous coronary intervention in patients with acute myocardial infarction and left ventricular dysfunction (De Luca et al). 2005;150:563-8
- Mild dilated cardiomyopathy and increased left ventricular mass predict mortality: the prospective P²C² HIV multicenter study (Fisher et al). 2005;150:439-47
- Plasma amino-terminal pro-B-type natriuretic peptide quantification in hypertrophic cardiomyopathy (Arteaga et al). 2005;150:1228-32
- Visual estimation versus quantitative assessment of left ventricular ejection fraction: a comparison by cardiovascular magnetic resonance imaging (Sievers et al). 2005;150:737-42

Ventricular ejection fraction; see Stroke volume

Ventricular function, left

- Atrial fibrillation in heart failure: high mortality risk even if ventricular function is preserved (Parkash et al). 2005;150:701-6
- Can pro-brain natriuretic peptide be used as a noninvasive predictor of elevated left ventricular diastolic pressures in patients with normal systolic function? (Joung et al). 2005;150:1213-19
- Comparative effects of nicorandil with isosorbide mononitrate on cardiac sympathetic nerve activity and left ventricular function in patients with ischemic cardiomyopathy (Kasama et al). 2005;150:477.e1-477.e8
- Comparative efficacy of nebivolol versus carvedilol on left ventricular function and exercise capacity in patients with nonischemic dilated cardiomyopathy. A 12-month study (Patrianakos et al). 2005;150:985.e9-985.e18
- The Doppler myocardial performance index during low-dose dobutamine echocardiography predicts mortality and left ventricular dilation after a first acute myocardial infarction (Norager et al). 2005;150:522-9
- Effect of angiotensin-converting enzyme or vasopeptidase inhibition on ventricular size and function in patients with heart failure: the Omapatrilat Versus Enalapril Randomized Trial of Utility in Reducing Events (OVERTURE) echocardiographic study (Solomon et al). 2005;150:257-62
- Enhancing quality of heart failure care in managed Medicare and Medicaid in North Carolina: results of the North Carolina Achieving Cardiac Excellence (NC ACE) Project (Goff Jr et al). 2005;150:717-24
- Evaluation of left ventricular outflow tract area after septal reduction in obstructive hypertrophic cardiomyopathy: a real-time 3-dimensional echocardiographic study (Sitges et al). 2005;150:852-8
- Left ventricular diastolic function in normotensive subjects 2 months after acute myocardial infarction is related to glucose intolerance (Salmasi et al). 2005;150:168-74
- Mild dilated cardiomyopathy and increased left ventricular mass predict mortality: the prospective P²C² HIV multicenter study (Fisher et al). 2005;150:439-47
- Oxygen pulse during exercise is related to resting systolic and diastolic left ventricular function in older persons with mild hypertension (Lim et al). 2005;150:941-6
- Prognostic use of echocardiography 1 year after a myocardial infarction (Skali et al). 2005;150:743-9

Relationships among exercise capacity, hypertrophy, and left ventricular diastolic function in nonobstructive hypertrophic cardiomyopathy (Matsumoto et al). 2005;150:144-9

Sex differences in left ventricular function in older persons with mild hypertension (Lim et al). 2005;150:934-40

Ventricular function, right

Prognostic use of echocardiography 1 year after a myocardial infarction (Skali et al). 2005;150:743-9

Ventricular outflow obstruction

Evaluation of left ventricular outflow tract area after septal reduction in obstructive hypertrophic cardiomyopathy: a real-time 3-dimensional echocardiographic study (Sitges et al). 2005;150:852-8

Ventricular pressure

Doppler tissue imaging: a reliable method for estimation of left ventricular filling pressure in patients with mitral regurgitation (Agricola et al). 2005;150:610-5

Ventricular remodeling

- Effect of angiotensin-converting enzyme or vasopeptidase inhibition on ventricular size and function in patients with heart failure: the Omapatrilat Versus Enalapril Randomized Trial of Utility in Reducing Events (OVERTURE) echocardiographic study (Solomon et al). 2005;150:257-62
- Enalapril suppresses ventricular remodeling more effectively than losartan in patients with acute myocardial infarction (Onodera et al). 2005;150:689.e11-689.e16
- Left ventricular remodeling after primary coronary angioplasty in patients treated with abciximab or intracoronary adenosine (Petronio et al). 2005;150:1015.e1-1015.e9

Vitamin C

Impact of vitamin E and C supplementation on serum adhesion molecules in chronic degenerative aortic stenosis: a randomized controlled trial (Tahir et al). 2005;150:302-6

Vitamin E

Impact of vitamin E and C supplementation on serum adhesion molecules in chronic degenerative aortic stenosis: a randomized controlled trial (Tahir et al). 2005;150:302-6

von Willebrand factor

Impaired tissue Doppler diastolic function in patients with coronary artery disease: relationship to endothelial damage/dysfunction and platelet activation (Lee et al). 2005;150:756-66

W

Walking

Walking may be related to less vascular stiffness in the Activity Counseling Trial (ACT) (Havlik et al). 2005;150:270-5

Warfarin

A review of the oral direct thrombin inhibitor ximelagatran: not yet the end of the warfarin era (Mohapatra et al). 2005;150:19-26 (Progress cardiol.)

Women

- Global inflammation predicts cardiovascular risk in women: a report from the Women's Ischemia Syndrome Evaluation (WISE) study (Kip et al). 2005;150:900-6
- Inflammation, endothelial cell activation, and coronary microvascular dysfunction in women with chest pain and no obstructive coronary artery disease (Marroquin et al). 2005;150:109-15

Women (continued)

- Women in cardiac rehabilitation: outcomes and identifying risk for dropout (Sanderson and Bittner). 2005;150:1052-8
- Women with a low Framingham risk score and a family history of premature coronary heart disease have a high prevalence of subclinical coronary atherosclerosis (Michos et al). 2005;150:1276-81

Worsening renal function; see Kidney diseases

X

Ximelagatran

- A review of the oral direct thrombin inhibitor ximelagatran: not yet the end of the warfarin era (Mohapatra et al). 2005;150:19-26 (Progress cardiol.)

